**Software Requirement Specifications**

**Mini Project:** Hostel Management System (Hostel Villa)

**Description of Manual System (Old System) and How it Works:**

In Manual System, we have to deal with the paper work manually with some great efforts. we have to make signature of faculty and rector itself so that we can have permission to leave to home and such a tedious work to go get a sign of faculty and rector and if they are in other work then its been tough to find them and get sign. If we have to take permission to got out for few hours then we have to done long paper work and have to find them and make a sign on that paper. So hence it’s a tedious task.

**Shortcomings of Manual System:**

* This system has lots of long paper work.
* This system has tedious to find faculty and rector for such permission.

**Proposing New System Description:**

The Hostel management system is a system for managing the various activity under this one system. We have some facility like get verified digitally for associated faculty and rector. Its main purpose to make this project so that the individuals can reduce the paper work and time manage the details via website or application and an individual can handle this from anywhere they want.

**Features of Proposed System:**

* This system has advantage to fill the form from anywhere anytime through application.
* This system has advantage of digital signature, so we do not have to go physically to them.
* In this system we do not have to paper work instead simply minimal inputs.
* It is easy to use for faculty, student as well as rector(warden).

**List of user or List of roles:**

* **Faculty (Counsellor)**:
  + **Verify the leave application (Accept/Reject)**
* **Students**
  + **Complain for infrastructure**
  + **Complain for Roommate**
  + **Complain for Food**
  + **Complain for Service of Rector**
  + **Leave Application for home pass and out pass**
  + **Food Cancellation**
* **Rector (Warden)** 
  + **Registration (Active/Inactive)**
  + **Validate the fees details**
  + **Manage the guest**
* **Parents**
  + **Verify the leave application (Accept/Reject)**

**Module of Student:**

1. Manage the complain of the room by student.
2. Manage the Home Pass.
3. Manage Out Pass for Thursday and Sunday.

**Module of Rector:**

1. Manage new entry of student.
2. Manage the empty rooms.
3. Manage the student fees detail.
4. Manage the Food for the girls who are going to opt for the day.
5. Manage the guest who are coming stay for 2-3 days.

**Module of Faculty:**

1. Manage student leave application.